

## Vitamin C in Silicone (20% L-ascorbic acid)

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 04-Mar-2024  
Supersedes: 15-Dec-2022

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Vitamin C in Silicone (20% L-ascorbic acid)	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Cyclopentasiloxane, l-ascorbic acid, polysilicone-1, ethylhexyl hydroxystearate	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	541-02-6, 50-81-7, 62624-30-0, 63394-02-5, 156065-02-0, 29383-26-4, 29710-25-6	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):</b>	Physical, Flammable Liquids, 4												
<b>GHS Signal Word:</b>	<b>WARNING</b>												
<b>GHS Hazard Pictograms:</b>	None.												
<b>GHS Hazard Statements:</b>	H227: Combustible liquid												
<b>GHS Precautionary Statements:</b>	P302+350 (If on skin): Gently wash with soap and water. P305+351+338 (if in eyes): Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.												
<b>Potential Health Hazards:</b>	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May be an irritant.												
<b>NFPA Ratings (704):</b>	<table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Cyclopentasiloxane	541-02-6	Not Available	Not Available
L-ascorbic acid	50-81-7	Not Available	Not Available
Polysilicone-11	62624-30-0 63394-02-5 156065-02-0	Not Available	Not Available
Ethylhexyl Hydroxystearate	29383-26-4 29710-25-6	Not Available	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Flush eyes with water for at least 15 minutes. Seek medical attention if necessary.
<b>Inhalation:</b>	Remove victim to fresh air. Seek medical attention if respiratory irritation or distress occurs.
<b>Skin:</b>	Wash affected areas with soap and water. Consult physician if irritation persists.
<b>Ingestion:</b>	Call a physician immediately. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (Water, CO2, dry chemical, foam) for adjacent fire. No unsuitable extinguish media listed.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Due to possible generation of toxic fumes; wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	171°F (77°C) (Closed Cup).
<b>Specific hazards arising from the chemical:</b>	Product is combustible. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures</b>	See section 8 for recommendations on the use of personal protective Equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Use with adequate ventilation, avoid eye and prolonged skin contact. Observe good industrial hygiene practices. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in tightly closed container. Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Vitamin C in Silicone (20% L-ascorbic acid)	Not available	Not available	Not available
TWA: Time Weighted Average over 8 hours of work.		STEL: Short Term Exposure Limit during x minutes.	
TLV: Threshold Limit Value over 8 hours of work.		IDLH: Immediately Dangerous to Life or Health	
REL: Recommended Exposure Limit		WEEL: Workplace Environmental Exposure Levels	
PEL: Permissible Exposure Limit		CEIL: Ceiling	

### Personal Protection:

<b>Eyes:</b>	Safety glasses with side shields or splash proof goggles should be worn.
<b>Inhalation:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Body:</b>	Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants).
<b>Other:</b>	An emergency eye wash should be readily accessible to the work area.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Off white paste	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Typical	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	No data available	<b>Flammability:</b>	Combustible
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	171°F (77°C) (Closed Cup)
<b>Boiling Point/Range:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Water Solubility:</b>	Insoluble in water
<b>Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable.
<b>Chemical Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	None known.
<b>Conditions to Avoid:</b>	Avoid sparks or combustion sources. Use with adequate ventilation.
<b>Incompatible Materials:</b>	Keep container closed as oxygen can promote off color due to ascorbic acid oxidation.
<b>Hazardous Decomposition Products:</b>	None known.
<b>Possible Hazardous Reactions:</b>	Product is combustible.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	No data available.
<b>Eyes:</b>	No data available.
<b>Respiratory:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	No data available.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	No data available.
<b>Respiratory/Skin Sensitization:</b>	No data available.
<b>Skin Corrosion/Irritation:</b>	No data available.
<b>Skin Sensitization:</b>	No data available.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available.
<b>Aquatic Vertebrate:</b>	No data available.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
<b>Product Containers:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not subject to regulation.
<b>Road shipment information (49 CFR 172.101 &amp; ADR):</b>	Proper Shipping Name: Combustible Liquid, N.O.S Hazard Technical Name: Cyclosiloxane Hazard Class: Combustible Liquid Packing Group: III UN Number: NA199 (Above applies only to containers over 119 Gallons or 450 liters)

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<b>IMDG (International Maritime Dangerous Goods):</b>	Not subject to code.
<b>IATA (International Air Transport Association):</b>	Not subject to regulations.
<b>ICAO (International Civil Aviation Organization):</b>	Not subject to regulations.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available.
<b>EPA SARA Title III Chemical Listings:</b>	Acute: No. Chronic: No. Fire: No. Pressure: No
<b>SARA 302 Extremely Hazardous Substance:</b>	None.
<b>Section 313 Toxic Chemicals:</b>	None present or none present in regulated quantities.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	04-Mar-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.